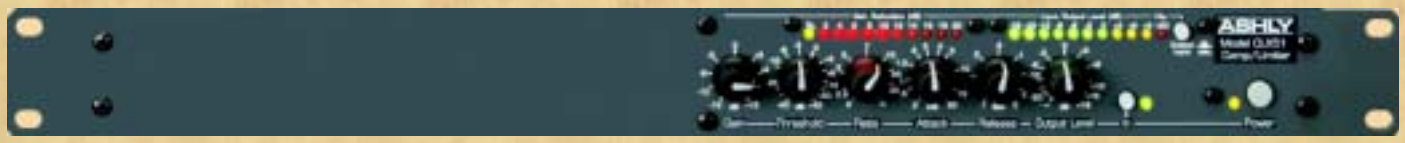
Signal Processors

CLX-51 SINGLE CHANNEL COMPRESSOR/LIMITER



CLX-52 DUAL CHANNEL COMPRESSOR/LIMITER

The CLX Series compressor/limiters use an "infinite soft-knee" characteristic and timing based on compression ratio. This, combined with a dual release time, allows program density to increase as the input signal increases. The result is a peak controller with very low noise, smooth sound, and excellent stereo tracking without the usual "constricted" limiter sound. Ashly's CLX series uses peak rather than RMS limiters. While an RMS limiter may be used to restrict material to a given loudness, a peak limiter looks at the maximum voltage a signal reaches regardless of its waveform, making it the right choice to prevent clipping, overmodulation or tape saturation.

The CLX-51 and CLX-52 have many ways to deal with any gain structure. The mechanical design is ready for years of rugged service and we back our quality with Ashly's exclusive Five Year Worry-Free Warranty.

The CLX series is extremely useful for such diverse applications as loudspeaker protection, vocal level control, broadcast limiting, musical instrument sustain, special effects, and CD to cassette transfers.

FEATURES:

- Extremely low noise and distortion
- Dual release time for minimum "pumping"
- Wide-range control of all parameters
- Powerful peak control with minimum audible side effects
- Both XLR and 1/4" input and output connectors

CLX SPECIFICATIONS:

Gain:	±15dB
Ratio:	2.1–∞
Attack time:	200 µS–20 mS
Release time:	100 mS–3 Sec.
Output:	–∞ to +18dB
Max. input level:	>+23dBu
Max. output level:	>+23dBu
Input impedance:	20k Ohms balanced
Output impedance:	200ohms quasi-balanced
Connections:	1/4" TRS, XLR
Frequency response:	20Hz–20kHz, ±0.2dB
Distortion:	<.01% THD, 15dBu, 1kHz <0.15% THD, +15dBu, 20Hz–20kHz
Hum and noise:	<–96dBu
Power requirements:	93–120VAC, 50–60Hz, 5W (240V available)
Shipping weight:	8lbs
Dimensions: 19"	L x 1.75" H x 6" D